

**PART A – COVER PAGE**

STATE WATER RESOURCES CONTROL BOARD  
SFY 2002 Costa-Machado Water Act of 2000  
CALFED Watershed Program

Application No. 25

PROJECT TITLE: Assessment, Investigation, Research and Abatement of Sources of Microbiological Health Hazards in Western Nevada County Watersheds

Project Region X Indicate RWQCB #: 5

Multi-regional Project \_\_\_\_\_ Indicate RWQCB #s: \_\_\_\_\_

Statewide Project \_\_\_\_\_

PROJECT DIRECTOR  
(one name only)

Mr. Norm Greenberg

June 4, 2002

PRINT

DATE

LEAD APPLICANT OR ORGANIZATION:

Nevada County Department of Environmental Health

TYPE OF AGENCY: Government

Municipality \_\_\_\_\_ Local Agency X \_\_\_\_\_ \*Nonprofit (non-landowner) \_\_\_\_\_

Nonprofit (landowner) \_\_\_\_\_ Local Public Agency \_\_\_\_\_

STREET ADDRESS: 950 Maidu Avenue

CITY: Nevada City Zip 95959

Code: \_\_\_\_\_

P.O. BOX: \_\_\_\_\_ Zip \_\_\_\_\_

Code: \_\_\_\_\_

COUNTY Nevada County

STATE: California

PHONE NO.: 530-265-1464 FAX NO.: 530-265-7056

E-MAIL norm.greenberg@ FEDERAL  
ADDRESS: co.nevada.ca.us TAX ID. NO.: 94-6000526

PROJECT TYPE: Broad-based non-point source projects; reduce pathogens through source control; reduce the pollutants to state waters from storm water or non-point source; use GIS to display and manage environmental data describing watersheds; monitor water quality and assess watersheds.

LEGISLATIVE  
INFORMATION Senate District SD 1 Assembly District AD 03  
United States Congressional District 2nd

CALFED, RWQCB, or SWRCB STAFF CONTACTED REGARDING THIS PROPOSAL:

Contact:	<u>Sam Harader</u>	Contact:	<u>John M. Lowrie</u>
Phone No.:	<u>(916) 651-6170</u>	Phone No.:	<u>(916) 651-7087</u>
Dates contacted:	<u>05/08/02</u>	Dates contacted:	<u>06/06/02</u>

PRIMARY COOPERATING ENTITIES:

Entity Name:	<u>South Yuba River Citizens League (SYRCL)</u>		
Role/Contribution to Project:	<u>Watershed monitoring group</u>		
Contact Person:	<u>Janet Cohen</u>	Phone No.:	<u>530-265- 5961, ext. 207</u>
E-mail address:	<u>janet@syrcl.org</u>		
Entity Name:	<u>Bear River CRMP</u>		
Role/Contribution to Project:	<u>Watershed monitoring group</u>		
Contact Person:	<u>Tamara Gallantine</u>	Phone No.:	<u>(530)272- 3417</u>
E-mail address:	<u>tamara.gallantine@ca.u sda.gov</u>		
Entity Name:	<u>State Department of Parks and Recreation</u>		

Role/Contribution to Project:	<u>South Yuba River State Park</u>	
Contact Person:	<u>Ray Patton</u>	Phone No.: (530) 273-3884
E-mail address:	<u>rpatton1@pacbell.net</u>	
Entity Name:	<u>Yuba Watershed Council</u>	
Role/Contribution to Project:	<u>Watershed monitoring coordination group for Western Nevada County</u>	
Contact Person:	<u>Joy Strauss</u>	Phone No.: (530) 265-4860
E-mail address:	<u>ywc@pacbell.net</u>	

WATERBODY/WATERSHED  
(Include Catalog Number in Section 18 of the ARD): 18020125 – Upper Yuba, 18020126 – Upper Bear

GPS COORDINATES FOR PROJECT LOCATION, IF AVAILABLE: \_\_\_\_\_

**FISCAL SUMMARY:**

<b>Proposition 13 Funds Requested</b>	<u>\$355,451</u>
Other Project Funds	<u>\$</u>
Total Project Budget	<u>\$355,451</u>

**CERTIFICATION**

I certify under penalty of perjury that the information I have entered on this application is true and complete to the best of my knowledge and that I am entitled to submit the application on behalf of the applicant (if the applicant is an entity/organization). I further understand that any false, incomplete, or incorrect statements may result in the disqualification of this application. By signing this application, I waive any and all rights to privacy and confidentiality of the proposal on behalf of the applicant, to the extent provided in this RFP.

<u>Applicant Signature</u>	<u>Date: 7 June 2002</u>
<u>Printed Name of Applicant : <b>Norm Greenberg</b></u>	

## Part B – Project Narrative

### Overview

Nevada County, in cooperation with California State Department of Parks & Recreation, the U.S. Forest Service, U.S. Bureau of Land Management, the cities of Grass Valley & Nevada City, and the Yuba Watershed Council (YWC) and its associated CRMPs, seeks to remedy pathogen contamination associated with agricultural & livestock operations, various types of sewage disposal facilities, and human recreating. It is planned to assess, investigate, and then to abate various sources of microbiological health hazards in the South Yuba River, Wolf Creek, Bear River, and Deer Creek watersheds in western Nevada County, California.

During the past several years, major bacterial contamination problems have been periodically detected in western Nevada County surface waters. These have been found in the form of total and fecal Coliform, Enterococcus, and E. coli bacteria. Levels have been sufficiently high as to warrant beach closures and posting of public health warnings on numerous occasions. During one period of summer 2001, the Nevada County Department of Environmental Health posted 19 miles of the South Yuba River (a Wild & Scenic River) as unfit for public contact. This not only posed a threat to human health and denied recreation opportunities to the community, it had negative impacts on tourism, affecting a State-identified “small community with a financial hardship”, Nevada City.

These public health warnings were based on California Department of Health Services (DHS) web-published guidelines for freshwater bathing safety, (<http://www.dhs.ca.gov/ps/ddwem/beaches/freshwater.htm>) and were widely publicized and covered by both local and regional media. The Nevada County Department of Environmental Health developed a web site to provide current and continuously updated health information to the community, including posting of PowerPoint presentations that were also presented to the Nevada County Board of Supervisors (<http://docs.co.nevada.ca.us/dscgi/ds.py/View/Collection-2596>). Review of these documents can provide meaningful insight into the scope of the problem and the significance of the issues.

Another component of this proposal is to investigate the accuracy and reliability of the primary test method utilized by watershed monitoring groups and many State and Federal agencies for the Enterococcus bacteria. Testing that was (and still is) utilized by all of our watershed groups, State Parks and Recreation, Bureau of Land Management and U.S. Forest Service, utilizes the *Enterolert* test, a proprietary kit available and used both State and nationwide. Our department established a stakeholder group last summer with these groups as well as several representatives of the DHS. Numerous meetings were held and considerable investigation was made into the test data results and comparison to other laboratory standards.

Major inconsistencies were discovered in the various test methods, which greatly influenced the test results. The Enterolert test manufacturer (Idexx Laboratories) was contacted and preliminary conversations indicate that there may be an interfering factor in certain types of watercourses that cause an increase in the bacterial counts detected by the test. The manufacturer will be coming to Nevada County for the next recreational season to work with our department to research this further. This work will also be coordinated with our stakeholder group.

An offshoot of this event is our department's participation in proposed California legislation, AB1438 (Assemblyman Florez), which is currently being reviewed by the Assembly's Committee on Environmental Quality. This bill will require the DHS to establish health and safety regulations for freshwater bathing statewide, which are currently unregulated. These regulations will establish bacteriological standards for public recreational contact. Given Nevada County's experience with Enterococcus bacteria and closure of major portions of the S. Yuba River, Nevada County is participating in the development of this legislation.

This project is expected to be a two-year effort, utilizing a registered Environmental Health Specialist to interface with the Watershed Monitoring Groups and City, County, State and Federal agencies. There would be extensive coordination with these groups, many of which utilize existing state grants to monitor and study various watersheds throughout western Nevada County. Test results from these groups would be leveraged/utilized as part of this project to eliminate unnecessary, redundant, and therefore wasteful microbiological testing.

The Nevada County Department of Environmental Health is primarily a fee-for-service agency, with approximately 85% of our funding derived from actual charges to our customers. The magnitude of issues that have arisen from surface water contamination issues has greatly taxed our agency. Our community, and in particular our watershed monitoring groups, have rightly expected us to respond to these public health issues. However, the practical realities of our staffing and funding have only allowed us to respond to outright emergencies, and not to work proactively. Further, we realize the need to develop and establish strong working protocols with the watershed groups, and again, are hindered by these limitations. This project would allow us to make significant inroads towards developing the necessary relationships and protocols, as well as permanently correct some longstanding pollution issues.

As a component of the data sharing, the NCDEH expects to work closely with the South Yuba River Citizens League (SYRCL) and utilize its water quality monitoring data. SYRCL has a pending grant application (Proposal #77) that parallels this one in some respects, and we have purposefully left out expenses/tasks that would duplicate their efforts and costs. However, should the SYRCL grant not be funded, we would need to correspondingly raise the amount

of our grant to cover those functions that would not be performed by them. This amount is \$15,000.

The expected outcomes of this project include:

- Protecting the public's health via reduction or elimination of sources of pathogens released into the watersheds;
- Improving downstream water quality safety, which is used for drinking water both through direct withdrawal and through groundwater recharge;
- Improve downstream water quality for other types of contaminants, such as nitrates and phosphates and total dissolved solids, as a natural by-product of eliminating health hazard sources of pollution;
- Developing a fully-defined and rational protocol between the County, its citizens and Watershed Monitoring Groups for incidents of contamination;
- Enhancing partnerships with existing agencies and groups already utilizing grant monies;
- Protecting and enhancing recreational and environmental education resources;
- Improvements to the economy of a "small community with a financial hardship", Nevada City;
- Protecting and enhancing wildlife habitat through reduction of pathogens and associated contaminants of the watershed;
- Providing public education regarding public water safety via web site posting, as well as Internet-accessible GIS mapping of the health and safety of the watercourses.

The goals and objectives of this project are: to protect the public's health by permanently reducing or eliminating non-point source pollution; conduct outreach with Watershed Monitoring Groups and local government agencies through meeting attendance and strategy sessions; improve downstream drinking water quality through reduction of harmful bacteria and other pollutants; accumulate/coordinate water quality data and research from multiple local CRMPs to fully define pathogen water quality issues throughout multiple watersheds; assess threats to the local ecosystem. (Addresses Multiple Watershed Issues); educate the public about the health & safety of the local watersheds, and how to prevent pollution (Community Based); determine the adequacy of a nationally-utilized proprietary test for certain types of freshwater systems through research; improve aquatic and terrestrial species habitats.

**Background and Goals:**

Western Nevada County contains three major watershed areas which ultimately drain in to the Bay-Delta region. The Bear River, South Yuba River, and Deer Creek watersheds are impacted by both sprawling rural growth and several major urbanized areas, most notably the historic towns of Nevada City and Grass Valley. With historic heritage also comes antiquated public works systems, and ancient, poorly constructed sewer systems contribute to both public health hazards and contaminant loading of our local watercourses.

This problem is compounded by foothill soils, which, coupled with a patchwork of individual and small community sewage disposal systems, can lead to discrete discharges of poorly treated wastewater. Add to this the problems associated with agricultural runoff and recreational bathing, and there have been numerous recorded instances of public health hazards in our public water contact creeks and rivers in recent years.

This problem escalated last year on the South Yuba River. Testing done separately and under two separate state grants, one by the South Yuba River Citizens League, the other under the auspices of the State Department of Parks and Recreation, revealed elevated levels of Enterococcus in numerous locations of the river. Subsequent focused testing resulted in quite excessive bacterial levels, and the Nevada County Departments of Environmental Health and Community Health issued health advisories for up to 19 miles of the S. Yuba River. The postings and resulting media attention resulted in a significant drop in tourist visits to Western Nevada County, causing an immeasurable hit in terms of economic losses.

A stakeholder faction of the local watershed monitoring groups, state, federal and county agencies formed, to explore the situation and attempt to determine the cause. One noteworthy finding from this collaborative was that the presence of algae may play a role in the test results, a finding that the Enterococcus test manufacturer had not previously known about.

**CALFED Program Objectives:**

CALFED priorities will be met by developing a community-based program that promotes and fosters development and maintenance of local watershed efforts, encouraging participation of diverse interests, addressing multiple watershed systems, improved water quality and drinking water quality in watersheds which affect the Bay/Delta system, and increased community learning and awareness. CALFED's Ecosystem Restoration Program Goals 1, 2, and 6, Multi-Regional Priorities 3 and 5, and Sacramento Regional Goal 7 will also be addressed through the proposed research. It also effectively utilizes the outcome of existing grant efforts, by incorporating the water quality data of watershed monitoring groups and State and Federal agencies already performing these functions using State grant funds.

The ARD discusses Management Measures to address urban sources of nonpoint pollution, as well as Marinas and Recreational Boating, and this project will utilize many of these measures to achieve its goals. Specifically, 3.4 A & B, 3.6, and 4.1 G & H. SRWQCB priorities R5-1 (Projects which support capacity to establish and implement locally directed watershed management programs: including watershed assessments, development of watershed management plans, and implementation of existing watershed management plans), R5-8 (Implementation of citizen monitoring, community education, and/or K-12 watershed education programs), R5-10 (Projects which identify sources and reduce loadings of pollutants (i.e. pesticides, oil/grease, nutrients, pathogens, etc. from urban storm water discharges), and R5-13 (Projects which document existing baseline water quality/watershed conditions and establish programs to evaluate long-term water quality/watershed trends ) will potentially be addressed through this project.

#### **Community Involvement:**

Nevada County will ensure community and other stakeholder outreach and involvement by: 1) expanding its participation and communications with the various watershed stakeholder participants; 2) facilitating and helping coordinate citizen involvement (for example, the South Yuba River Citizens League) as part of sampling, assessment, and monitoring activities; 3) generation and presentation of project related materials and curricula to schools, stakeholder groups, the local media; 4) distribution of information and reports to statewide water shed monitoring groups, the California Conference of Directors of Environmental Health, and Assemblyman Florez; and 5 ) participating in workshops and professional meetings of various community groups, such as the local Economic Resource Council, the Chambers of Commerce, local Board of Realtors, and similar.

#### **Watershed Context:**

This project relates directly to several other watershed monitoring activities as well as specific projects occurring in the defined area. The South Yuba River CALFED's **Upper Yuba River Studies Program Study Area may benefit from work of this project.** Other potential beneficial recipient programs may include: the Coordinated Yuba River Watershed Health Improvement and Monitoring Project; the Deer Creek Water Quality and Model Implementation Projects; the South Yuba River Coordinated Watershed Management Plan (G1029)(98-E10); Bear River CRMP / Sierra Nevada Mercury Assessment Project; the Sacramento River Basin National Water Quality Assessment (USGS); the Sacramento River Toxic Pollutant Control Program; and the USGS CA504 Sacramento Basin National Water Quality Assessment

#### **Support for Local Decision Makers:**

Information derived during the assessments and investigations will help determine the functionality of local public works facilities and their general state of repair. Such information could be extremely useful in determining how future



city and county funds are allocated and what priorities should be established to upgrade existing facilities. Information gathered would also help determine how and where future growth activities for new development should/should not occur, by virtue of functionality of on-site sewage disposal systems, and would help in General Plan and zoning determinations, particularly as it relates to housing density.

**Technology Transfer:**

Exchange of information is a large component of this grant, with information exchange occurring on several different levels:

- Posting of information on the county's website.
- Documenting information into the county's GIS database.
- Active data sharing/exchange with local watershed monitoring groups and government agencies via email, hardcopy, and URL advisories.
- Communications with local newspaper, and two local radio stations, of on-going activities and health alerts when appropriate.
- Community workshops to discuss department activities and water quality issues.

## **Part C – Proposed Scope of Work**

### **1. Background and Goals:**

The work for the proposed project includes outreach to and coordination with Watershed Monitoring Groups and City, County, State and Federal agencies; sanitary surveys of major watersheds; development of a sampling strategy and protocol; field sampling; data analysis and project summary; abatement activities; and community education and involvement. A database and GIS will be developed and populated with physical and chemical data and survey observations to aid in data analysis, modeling, and presentation.

Project performance will be measured for the project via a performance evaluation report and include:

- Evaluation/comparison of initial, intermediate and final water quality indicator organism levels.
- Number of watershed monitoring group meetings attended.
- Development of written protocol for working with watershed monitoring groups on sampling and notification methods.
- Newspaper articles published resulting from media coverage.
- Tabulation/accounting of non-point and point source occurrences detected.
- Number of non-point source contamination occurrences abated.
- Attendance numbers of public to community meetings/workshops.
- Number of web site “hits” to information posted to Internet site.
- Changes to DHS freshwater bathing standard guidelines relative to test methods utilized or change in pathogen level standards.
- Outcome of AB1438, freshwater bathing standards.
- Establishment of GIS database for water quality indicators.

### **2. Proposed Work to Be Performed:**

The following describes work to be performed in Tasks 4 -10.

Task 4: One-time Advance Payment Requirements: Recruit and hire registered Environmental Health Specialist; this is a vital step to provide the necessary coordination with the Watershed Monitoring Groups, assessment, monitoring, sampling, and abatement of microbiological problems.

This project requires the hiring of an experienced registered Environmental Health Specialist, as well as purchasing materials and supplies for office, transportation and travel expenses, and laboratory charges. The Nevada County Department of Environmental Health is a fee-for-service agency, primarily funded

by user fees. Additionally, the department budget is an “enterprise” fund, which must meet payroll and expenses biweekly without the backing/support of the county General Fund. Cash flow can become a critical problem.

Given these elements and the need to hire the REHS upfront, purchase equipment and provide for transportation and travel, the department is requesting an advance payment of 25% to enable the project to move forward. While Nevada County Department of Environmental Health has no recent grant history with the State Water Resources Control Board/CALFED, this department has successfully implemented grants for the past 20 years with such agencies as the California Integrated Waste Management Board. We currently implement several grants for such activities as used oil recycling, public water system oversight, and cleanup of illegal solid waste disposal sites.

Task 5: Outreach to and Coordination with Watershed Monitoring Groups and State and Federal Agencies: it will be necessary to establish a strong working relationship with the multiple watershed monitoring groups throughout the region, as well as the State Department of Parks & Recreation, USFS, and Bureau of Land Management, which have ownership/responsibility for much of the public waters in Western Nevada County. Further coordination with the State Department of Health Services will be necessary to facilitate a nexus on researching the Enterolert test method.

Task 6: Sanitary Surveys of Major Watersheds: Review of various data maps, field review of potential sources of contamination, report writing, vehicle transport; GPS device & PC required.

Task 7: Development of a Sampling Strategy and Protocol: To be coordinated with watershed monitoring groups and SWRCB staff.

Task 8: Field sampling: This will include a quality assurance program, research of Enterococcus test methods, vehicle transport, communication equipment and lab costs.

Task 9: Data Analysis and Project Summary: Review information from field sampling and associated agencies, plot on database and GIS, prepare project evaluation report.

Task 10: Community Education and Involvement: Community meetings and workshops; radio and newspaper interviews and articles; posting information on web site and via GIS; hardcopy reports; distributing results and research information to statewide watershed monitoring groups, State professional organizations, and legislative body developing AB1439 legislation.

### 3. Target Completion Dates:

Task No. Deliverables	Target Completion Dates
<b>Task 1: Project Administration</b>	
1.2 Quarterly/Monthly Progress Reports	By 10 <sup>th</sup> day of month 4, and quarterly thereafter.
1.5 Contract Summary Form	By month 3.
1.6 List of subcontracted tasks, Good Faith Effort documents, quarterly/monthly Utilization Reports	
1.7 Subcontractor Documentation	By month 6, biannually thereafter.
1.8 Expenditure/Invoice Projections	By month 6, biannually thereafter
1.9 Project Survey Form	By month 24
Task Deliverables : 1.2 Quarterly (or Monthly) Progress Reports, 1.5 Contract Summary Form, 1.6 List of subcontracted tasks, Good Faith Effort documents, quarterly/monthly Utilization Reports, 1.7 Subcontractor Documentation, 1.8 Expenditure/Invoice projections, 1.9 Project Survey Form	
<b>Task 2: CEQA/NEPA Documents and Permits, if applicable</b>	N/A
<b>Task 3: Quality Assurance Project Plan</b>	By month 2
Task Deliverables: QAPP	
<b>Task 4: One-time Advance Payment</b>	By month 3
4.1 Recruit and hire registered Environmental Health Specialist	
4.2 Set up a separate bank account for the advance payment (even for one-time purchase of equipment).	
4.3 Submit bank statements yearly or at the end of the reconciliation of the advance payment funds depending on the accounting recoupment schedule that details any interest earned on the account. All interest earned must be returned to the State Board via the Accounting Office. All checks must include the Program Name and the Contract #.	
Task Deliverables: 4.1 Written Justification with Recoupment Schedule,	

4.2 Proof of separate bank account, and 4.3 Bank statements.	
<b>Task 5:</b> Outreach to and Coordination with Watershed Monitoring Groups and State and Federal Agencies	By month 4
Task Deliverables: copies of meetings minutes, emails, developed procedures and protocols.	
<b>Task 6:</b> Sanitary Surveys of Major Watersheds	Months 4 through 8
Task Deliverables: copies of sanitary surveys	
<b>Task 7:</b> Development of a Sampling Strategy and Protocol	Months 5 through 9
Task Deliverables: copy of sampling strategy/protocol	
<b>Task 8:</b> Field sampling	Months 6 through 18
Task Deliverables: report of field sampling	
<b>Task 9:</b> Data Analysis and Project Summary	Month 20
Task Deliverables: copy of analysis report and project summary	
<b>Task 10:</b> Community Education and Involvement	Month 6 through 24
Task Deliverables: copy of newspaper articles, meeting announcements, public handouts	
<b>Task 11:</b> Draft and Final Reports	Month 24
Task Deliverables: Draft and final report	

**Part D – Budget Summary  
Sheets**

<u>Part D1 – Task Budget Breakdown:</u>	Proposition 13 Funds	Other Project Funds	Total Budget
Task 1 – Project Administration	\$25,000		\$25,000
Task 2 – CEQA/NEPA Documents and Permits	0		0
Task 3 – Quality Assurance Project Plan	5,000		5,000
Task 4: Recruit and hire registered Environmental Health Specialist	3,000		3,000
Task 5 – Outreach to and Coordination with Watershed Monitoring Groups and State and Federal Agencies	\$37,000		\$37,000
Task 6 – Sanitary Surveys of Major Watersheds	\$60,000		\$60,000
Task 7 – Development of a Sampling Strategy and Protocol	\$20,000		\$20,000
Task 8 – Field sampling	\$100,451		\$100,451
Task 9 - Data Analysis and Project Summary	\$40,000		\$40,000
Task 10 – Community Education and Involvement	\$35,000		\$35,000
Task 11 – Draft and Final Reports	30,000		30,000
TOTAL BUDGET	\$355,451		\$355,451

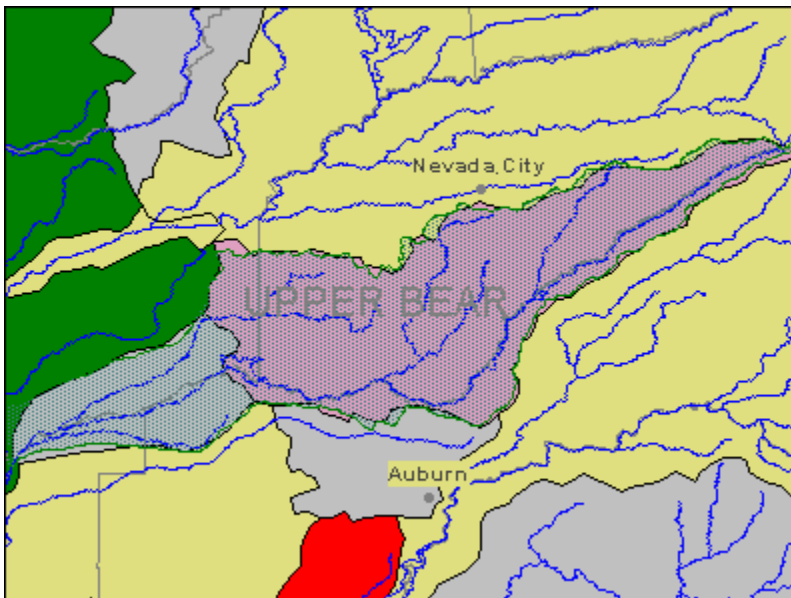
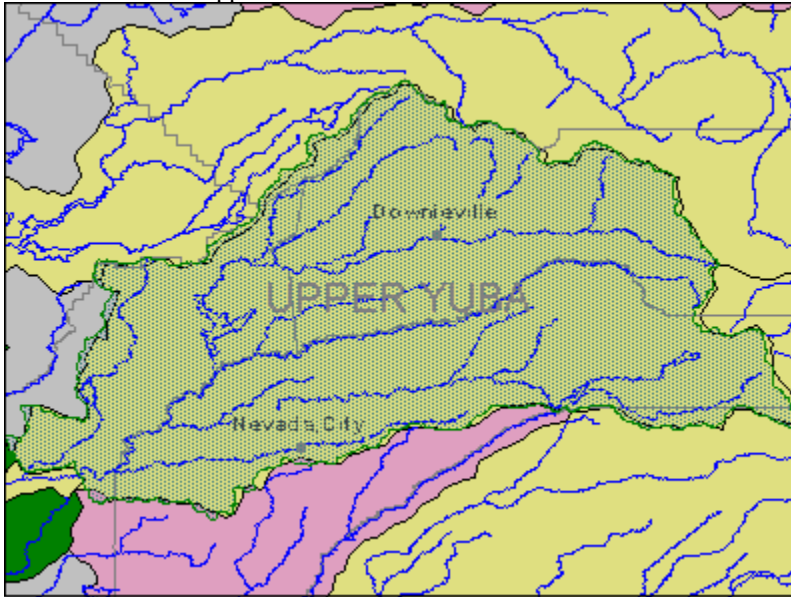
**Part D2 – Line Item Budget:**

	Proposition 13 Funds	Other Project Funds	Total Budget
1. Personnel Services: REHS	<u>\$161,378</u>	<u></u>	<u>\$161,378</u>
2. Operating Expenses	<u>90,780</u>	<u></u>	<u>90,780</u>
3. Property Acquisitions			
a. Equipment	<u>1,000</u>	<u></u>	<u>1,000</u>
b. Furniture	<u>500</u>	<u></u>	<u>500</u>
c. Portable assets	<u></u>	<u></u>	<u></u>
d. Electronic data software/hardware: Palm Pilot, handheld GPS	<u>3,500</u>	<u></u>	<u>3,500</u>
e. Processing equipment: PC	<u>1,930</u>	<u></u>	<u>1,930</u>
f. Miscellaneous	<u></u>	<u></u>	<u></u>
4. Professional and Consultant Services: GIS staff, Health Officer,	<u>15,000</u>	<u></u>	<u>15,000</u>
5. Contract Laboratory Services: Cranmer Laboratory	<u>35,000</u>	<u></u>	<u>35,000</u>
6. Construction Expenses	<u></u>	<u></u>	<u></u>
7. General Overhead	<u>46,363</u>	<u></u>	<u>46,363</u>
8. TOTAL BUDGET	<u>\$355,451</u>	<u></u>	<u>\$355,451</u>

## Part E – Project Map

### Various Photos of the Watersheds

These 2 show the Upper Yuba and Bear River Watersheds





## PART F – Environmental Information Form

### ENVIRONMENTAL INFORMATION FORM

#### NEPA/CEQA

1. Will this project require compliance with CEQA, NEPA, or both?  
Yes \_\_\_\_\_ No XX \_\_\_\_\_
2. If you checked “no” to question 1, please explain why compliance is not required for the actions in this proposal.

The activities proposed in this grant fall under the normal purview of functions of our department. There are no changes to regulations proposed, nor specific construction projects or developments.

3. If the project will require CEQA and/or NEPA compliance, identify the lead agency(ies).

CEQA Lead

Agency \_\_\_\_\_

NEPA Lead

Agency \_\_\_\_\_

4. Please check which type of document will be prepared.

#### CEQA

Categorical Exemption \_\_\_\_\_

Initial Study \_\_\_\_\_

Environmental Impact  
Report \_\_\_\_\_

#### NEPA

Categorical Exclusion \_\_\_\_\_

Environmental \_\_\_\_\_

Assessment/FONSI \_\_\_\_\_

Environment Impact Statement \_\_\_\_\_

If you anticipate relying on either or both the Categorical Exemption or Categorical Exclusion for this project, please specifically identify the exemption and/or exclusion that covers this project. (Example: Fish and Wildlife Service Manual at 516 DM 6 Appendix 1.4 Categorical Exclusions Section B Resources Management: (1) Research, inventory, and information collection activities directly related to the conservation of fish and wildlife resources.)

5. If the CEQA/NEPA process is not complete, please describe the estimated timelines and cost for the process and the expected date of completion.
6. If the CEQA/NEPA document has been completed:

What is the name of the document? \_\_\_\_\_

Please attach a copy of the CEQA/NEPA document cover page to the application.

Please indicate what permits or other approvals may be required for the activities contained in your proposal and which have already been obtained. Please check all that apply.

<b>LOCAL PERMITS AND APPROVALS</b>	Needed?	Obtained ?
Conditional use permit	No	
Variance	No	
Subdivision Map Act	No	
Grading permit	No	
General plan or Local Coastal Program amendment	No	
Specific plan approval	No	
Rezone	No	
Williamson Act Contract cancellation	No	
Local Coastal Development Permit	No	
Other	No	
<b>STATE PERMITS AND APPROVALS</b>	Needed?	Obtained ?
Scientific collecting permit	No	
CESA compliance: 2081	No	
CESA compliance: NCCP	No	
1601/03	No	
CWA 401 certification	No	
Coastal development permit	No	
Reclamation Board approval	No	

Notification of DPC or BCDC	No	
Other	No	
<b>FEDERAL PERMITS AND APPROVALS</b>	Needed?	Obtained ?
ESA compliance Section 7 consultation	No	
ESA compliance Section 10 permit	No	
Rivers and Harbors Act	No	
CWA 404	No	
Other	No	
<b>PERMISSION TO ACCESS PROPERTY</b>		
Permission to access city, county or other local agency land. If "yes," indicate the name of the agency: Nevada City, Grass Valley, Nevada County	Possibly. To be determined as part of the investigation	No.
Permission to access State land. If "yes," indicate the name of the agency: Department of Parks and Recreation.	Possibly. To be determined as part of the investigation	No.
Permission to access federal land. If "yes," indicate the name of the agency: USFS, BLM	Possibly. To be determined as part of the investigation	No.
Permission to access private land. If "yes," indicate the name of the landowner (if multiple landowners, indicate how many individuals will be involved and what percentage have already granted permission: _____	Unknown at this time. To be determined as part of the investigation	No.

## Part G – Land Use Questionnaire

### PART - LAND USE QUESTIONNAIRE

1. Do the actions in the proposal involve construction or physical changes in the land use? Yes\_\_\_\_\_ No XX
2. If you answered “yes” to # 1, describe what actions will occur on the land involved in the proposal.

If you answered “no” to # 1, explain what type of actions are involved in the proposal (i.e., research only, planning only).

*This proposal is to investigate potential sources of bacteriological contamination through monitoring, assessment, and sampling, as well as to research a nationally widely-utilized and recognized type of test for Enterococcus for potential cross-contamination issues relative to algae in freshwater systems. Where contamination sources are discovered, normal abatement county processes will be utilized to correct the problem.*

3. How many acres of land will be subject to a land use change under the proposal? N/A
4. What is the current land use of the area subject to a land use change under the proposal? What is the current zoning and general plan designation(s) for the property? Does the current land use involve agricultural production?

*Project encompasses much of Western Nevada County, which includes a multitude of land uses and GP designations.*

- a) Current land use: Project encompasses a multitude of land uses.
- b) \_\_\_\_\_  
Current zoning
- c) \_\_\_\_\_  
Current general plan designation
- d) Does current use involve agricultural production? Yes\_\_\_\_ No\_\_\_\_
5. Is the land subject to a land use change in the proposal currently under a Williamson Act contract?  
Yes\_\_\_\_\_ No XX
6. What is the proposed land use of the area subject to a land use change under the proposal? N/A

7. Will the applicant acquire any land under the proposal, either in fee (purchase) or through a conservation easement? Yes\_\_\_\_\_ No **XX**
- a) If you answered “yes” to 6, describe the number of acres that will be acquired and whether the acquisition will be of fee title or a conservation easement:
- b) \_\_\_\_\_ Total number of acres to be acquired under proposal
- c) \_\_\_\_\_ Number of acres to be acquired in fee
- d) \_\_\_\_\_ Number of acres to be subject to conservation easement
8. For all lands subject to a land use change under the proposal, describe what entity or organization will manage the property and provide operations and maintenance services. *N/A*
9. Will the applicant require access across public or private property that the applicant does not own to accomplish the activities in the proposal? Yes\_\_\_\_\_ No\_\_\_\_\_ *Possibly XXX*
10. For land acquisitions (fee title or easements), will existing water rights be acquired? Yes\_\_\_\_\_ No **XX**
11. Does the applicant propose any modifications to the water right or change in the delivery of the water? Yes\_\_\_\_\_ No **XX**

If “yes” to 10, please describe the modifications or changes.

## **Part H – Supporting Documentation**

This project has broad-based community support from multiple watershed groups, State and Federal agencies, as well as several legislators. Letters of support will be forthcoming shortly.